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# The Tech News Volume 22, Issue 8, November 25 1930

The Students of Worcester Polytechnic Institute

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# TECH NEWS

VOL. 22

WORCESTER, MASS., NOV. 25, 1930

NO. 8

## TECH FRIENDS MAKE KIND OFFER

**Students are Invited to Dinner on Thanksgiving**

Most of the student body will leave for home this Wednesday to spend the Thanksgiving holiday with their parents but there are several students who live too far away to be able to go home. As in former years, the Tech Y. M. C. A. will again take care of these boys. Every year there are several well-to-do Tech graduates and Tech friends who extend invitations to Tech men who cannot go home to partake of the Thanksgiving dinner at their homes.

### Many Benefit

In the past, many students have benefited by this privilege and have enjoyed the hospitality of these friends of the Institute and the number of invitations that are sent in each year speaks for itself. Tech is very fortunate to have such friends in this city and undergraduates who will not go home are urged to accept their invitations. The Institute has always lived on good terms with the people of Worcester and through accepting these invitations, the students can further the good will of our school.

### Not Charity

Many students look upon these dinners as charitable affairs and for this reason are sensitive about accepting invitations. On the contrary, the homes visited by the students benefit as much from their presence as do the students themselves. The people opening their homes to us are often elderly and desire the company of youth at their tables. They may not have children of their own or their children may be grown also and they are sincerely happy to have Tech young men with them to enjoy their hospitality.

Tech is not a school that affords its students much of the social side of life for there is so little time for the students to do this.

## TECH IS GIVEN IMPACT MACHINE

**Gift Will Be Put in Testing Laboratory**

Through a generous gift from the class of 1895, of which President Earle is a member, the Matsumura Repeated Impact Testing Machine has been added to the Testing Laboratory in the Mechanical Engineering building. This useful piece of testing apparatus will be used in courses of testing of material.

This machine is a decided improvement over the Stanton Machine, which has been on the market for many years. Tests on the fatigue characteristics of metals can be determined accurately by this machine. Tests which will be made with this machine have heretofore not been made because of lack of the necessary equipment. This added field of testing should be very beneficial to students studying materials of construction.

## JUNIOR CLASS HOLDS MEETING

**Prom and Banquet Committees are Appointed**

At a meeting of the Junior class, held last Wednesday, President Jimmy Leach announced the appointment of the following men to three committees: Half-Way Through Banquet, Roger Hager, chairman, Edwin Pollard, George Oman, Eino Lepanen, Leonard Daniels, William Hinchliffe and Otto Seelert; Junior Prom, Theodore Barks, chairman, Paul Nelson, Charles O'Brien, Frank South, Russell Purrington, Elliott Jones, Raymond Lynch and Frederick Whitford; Freshman Caps, Rocco LaPenta, chairman, and Donald Smith.

### Protest Caps

During the past two years, the Freshmen have raised protests against the style of caps they wear and this year the Juniors have taken the matter in hand and have appointed a committee to look into the matter. When these caps were first designed, they were con-

(Continued on Page 2, Col. 5)

## KAPPA PI SIGMA NEW FRATERNITY AT TECH

**Ten Fraternities Now on Hill**

Two years ago, a group of Polish students at the Institute organized a fraternity under the name of Zeta Sigma Pi. During the past year they have become a chapter of the Polish National Fraternity, Kappa Pi Sigma. This new fraternity was organized "for the purpose of forming closer bonds of friendship between the Polish students at Tech and to teach the benefits of higher education to Polish people."

The Polish students at Tech felt that they could increase the number of Polish young men attending colleges if they took an organized part in explaining.

(Continued on Page 2, Col. 4)

## PROF. GORDON FAIR OF HARVARD SPEAKS AT SIGMA XI MEETING

**Subject of Talk is "Recent Developments in Sanitary Engineering—Municipal and Industrial"**

The first meeting of Sigma Xi, honorary society at Tech, was held at Sanford Riley Hall, last Wednesday. Prof. Gordon M. Fair, of the Harvard Engineering school, was the guest speaker. Professor Fair recently collaborated with Harrison P. Eddy, Tech, '91, in writing a book on sanitation engineering, and during the past summer was a teacher at Yale University. The subject of Prof. Fair's talk was: "Recent Developments in Sanitary Engineering—Municipal and Industrial." The talk was accompanied by the showing of numerous slides.

### Malaria Control

For the most part, the talk dealt with sanitary conditions in Europe, where Prof. Fair had a fine opportunity to study them at first hand through his connection with the health officers of the League of Nations. He spent some time in Italy studying malaria control in that country. He told of the introduction of top-feeding

## ANNUAL TECH CARNIVAL TO BE HELD DEC. 5 IN GYMNASIUM

**Freshmen, Sophomores and Faculty Promise Impressive Acts—  
Music Will be Furnished by Boyntonians**

The annual Tech Carnival will be held this year on December 5th. This carnival is sponsored each year by the Tech Y. M. C. A.

The two lower classes at the Institute will each put on an act which will be judged by a committee of three faculty members. To the winner will go the carnival cup. The present Sophomore class won the cup last year and, under the direction of Frank Kean, will do its utmost to retain it. The big event of the evening will be the faculty act. Each year the professors come out of their shells and put over an act that rocks the gym with laughter. This act is in charge of Mr. Claude K. Schleifley.

Dancing will be in order from ten to one to the music of Tech's own Boyntonians.

## E. H. THOMPSON GIVES LECTURE

**Graduate of Institute with Class of '78**

Mr. Edward Herbert Thompson, '78, was the speaker at a meeting held under the auspices of the combined engineering societies last Monday evening. Mr. Thompson is a writer and lecturer of note, a Fellow of the Royal Geographic Society of Great Britain, member of the Antiquarian Society of America, and was for twenty-five years, U. S. Consul to Yucatan. Mr. Thompson spoke on a subject of great interest to him and one with which he

(Continued on Page 4, Col. 1)

## KNIGHTS OF ROAD TO HOLD MEETING

**Officers Will Be Elected for the Coming Season**

The Knights of the Road have waited this year until they could have the field to themselves by making sure of their prominence in Tech activities. Most of the work done by this most helpful club is yet only on paper.

Tuesday evening has been set as the time for their first official business meeting. Therefore at 7.30 o'clock, November 25, a large body of Tech's livewires will get together in the Mechanical Engineering Library on the second floor of the Mechanical Engineering Building to discuss fully the part they will take in the doings on the Hill for the remainder of the year.

The main item of the evening will be the election of officers and the appointing of many committees that will be needed to carry out the work to be done.

(Continued on Page 4, Col. 1)

## PROF. C. A. READ TO OBTAIN GAUGES

**Ellison Plant to Make Gift to Tech**

Early last summer while visiting the Ellison Plant, Prof. C. A. Read asked if there was any possibility of obtaining a model of one of their draft gauges for demonstration purposes. The company would not even consider such a thing as a mere model but promised a complete instrument.

Summer being their busy season they were forced to let this matter slip until recently, at which time they sent a letter to Prof. Read reminding him that they had not forgotten their promise. They invited him to the Power Show, which is being held next week in New York City, to look over their complete line of instruments and to pick out the three he wanted for use on the "Hill."

Some time in the near future, because of this kind offer, we will have installed in our boiler room three Ellison Pointer Draft Gauges. Prof. Read will very likely choose one of each type, namely, the Straight Line Vertical, the Tilted Scale, and the Dial. Each one will be fitted with a plate glass panel on one side so the movement can be observed while in operation.

Every modern instrument we put in to use goes to prove to the students who find it necessary to read them during their course of study that guess work is a great profit destroyer and a few accurate gauges properly maintained save in a very short time their original cost and begin to pay dividends.

## SOPHS SENTENCE RULE BREAKERS

**Freshmen are Brought to Trial for Breaking Rules**

The Sophs have dug up their hatchet once more, much to the dismay of those Freshmen who insisted on abandoning their hats, not carrying matches, smoking on the campus and various other disobediences.

The Sophs busied themselves the first part of the week, warning them to obey the rules. A few took heed to their distinguished forbears' advice and a few others didn't deem it necessary. The latter group received notices requesting its presence at a designated spot at a certain time, without fail. This doomed group, by this time, began to realize that the Sophs meant business. The Freshmen who weren't spotted gathered up a group to rescue their classmates. About seven o'clock, fifty or so of them left the dorm and went down to the northeast corner of the campus. Rumor had been about that the Sophs were all going to congregate at a certain place and that they were going to walk. Two Freshmen were sent by this group to follow one of the spotted men. They watched closely and soon the Sophs came up in a machine and took their victim away.

The two men then ran over to the meeting place on Institute road and then the entire body of Freshmen went down to Lincoln Square where the Soph meeting place was supposed to have been. A few Sophomores machines were seen there and it was soon evident that their meeting place was elsewhere. The Freshmen then trod back to Institute Road, where they met a few of the Sophs.

A few Freshmen procured a machine and followed the Sophomores, but the latter's meeting place was so far distant that it would have been impossible for the entire group to make the journey. The Freshmen had nothing to do but to retreat to the Dorm.

The Sophomores brought their prisoners to an old farm house off Lincoln street and there held a trial. The smile wiper, paddle wielder and other necessary court officers were present to assist the judge and his jury in inflicting the proper penalties on the erring ones. After all sentences had been passed, the underlings were allowed to take a walk home. A few others were brought to the country and had to find their way home as best they could.

Yesterday will be a day long to be remembered by a few of the Freshmen. From eight until five the campus was adorned with all sorts of queer specimens. The president of the class had his pants on backward. One lowly Freshman had to drag a sled around to his classes while another had to carry a cat. One poor Freshman obtained a pail of entropy from Prof. B. A. Read and with a fishpole proceeded to hook as many fish as he was able.

The vigilance committee of the Sophomore class is to be commended on its work and credit is due to John Malloy and his cohorts.



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## HOME GOING

This week will be the first holidays that some of the men have had at home since the beginning of their college life. We, who have been home from college at different times during our college days, have come to realize how much it means to the families that are left behind to have you home. To you who are going home for the first time don't forget to give your family some of your time. There are always so many things that you want to do the first time that you go home that it is very easy to forget the main reason for going. Remember that it is your family who are, for the most part, giving up something so that you may have your chance for an education. Let them know that you are making some good use of the opportunity that they are giving you.

## THANKSGIVING DAY

Today we are inclined to think of Thanksgiving Day as the day of the big football games. How different the day is now from what it used to be; and the man behind all these changes is the engineer. We travel many miles in a short while and sit in an enormous stadium while two teams battle it out on the gridiron. Or more likely, we sit in comfort at home and listen to someone miles away describe that same game. No longer do we shoulder a musket and plod through frozen woods to a log church to thank the Lord for a good harvest and safety from soft-footed savages.

From the time of their arrival in the winter of 1620 until the following summer, the Pilgrims underwent the most trying of hardships. Governor Bradford's history of the Plymouth settlement tells us that there were times when only six or seven of the colonists were able to get around. The rest of the band were administered to with all the skill in the possession of Dr. Samuel Fuller, ancestor of Tech's well known alumnus, Henry J. Fuller, '95.

After a winter of such hardship and privation it is little wonder that the Pilgrims wished to set aside a day after the harvest season to give thanks for a successful year. Thus, in the spirit of celebration, Governor Bradford set aside the last Thursday in November as a day of thanksgiving, a day on which the Pilgrims might thank God for the blessings of the year.

From Plymouth the custom spread to other colonies until in each one special thanksgiving proclamations were issued annually. But for many years there was no set date for Thanksgiving from year to year. At last, in 1863, agitation carried on by Mrs. Sarah Joseph Hale, editor of Godey's Lady Book, was rewarded when President Lincoln appointed the last Thursday in November as Thanksgiving Day. Mrs. Hale went down in history as the "Mother of Thanksgiving."

We travel distances in a few hours that in those days would take weeks to traverse. Our nights are no darker than days, thanks to electricity. By the simple turn of a dial we hear the voice of a man standing miles away from us. Pilgrim lives were simple and their pleasures few and far between. Where we can be thankful for the comforts of life, they were thankful for life and the harvests that were to make that life possible. This country of ours was new to them, a land to conquer, not by the sword but by unrelenting toil.

Today we communicate with friends many miles away as if they were but a few steps from us. We have a postal system that brings us news from far away with surprising promptness. Such a thing in those days was unthought of. The telephone, the postal service, and the telegraph combine to help us send greetings on Thanksgiving to friends with whom we cannot spend the day.

Engineers have made this possible. We can look at any of these present day luxuries and thank engineering minds for them. This is a year of business depression. It seems there is little to be thankful for to many people scattered throughout this wide nation. Engineers are blamed for the development of power to such an extent that machinery has displaced so many people that many of them cannot find work. But engineers have raised this country above the countries of the world; we can be thankful for that.

### PROF. FAIR SPEAKS

(Continued from Page 1, Col. 3)

used as fuel. It contains considerable coal and tar and the process is found to be very economical.

### Ingenious Power Economy

In one city close to the Swiss border a rather quaint method of taking advantage of the cheap night power rates in Switzerland is employed. During the night when power is cheap, this German company uses it to run pumps and pumps water from a pond to a reservoir high above it. During the day when the power rate in Switzerland rises, they use this stored water to run their power generators and run their factories by it. The process is quite profitable.

### Speaks On Air Control

Prof. Fair also spoke of the use of the use of the pulmonary chamber in tuberculosis. This chamber is much better than artificial respiration because that method is very liable to cause harm due to excessive pressure on the lungs. He also spoke of the use of blowers in artificial air control. After the formal meeting, adjournment took place to the dining room where refreshments were served and further informal discussion took place.

### POLISH FRATERNITY

(Continued from Page 1, Col. 2)

ing the education available to them in this country, and their efforts have been rewarded by the large increase in Polish boys in the entering class at Tech. Membership in this fraternity is limited to men of Polish extraction. Five of the original group of charter members have been graduated from the Institute and only two remain. Last year, the fraternity initiated two men and this year has pledged seven.

The fraternity has its headquarters at 9 Elbridge street and plans to find better quarters as its membership increases. Up to the present time it has taken no part in intramural sports but with the increased number of Polish students that will enter Tech in the future, there is a possibility that it will ask for admission into interfraternity affairs.

The members of this fraternity are: John A. Matusiewicz, Baldwinsville; Charles J. Brzezinski, Westfield; John W. Dowgielewicz, Spencer, and Stanley Gorka, New Bedford; pledges, Roman Koziol, Ware; Tadeus Orzech, Ware; Charles Sliva, Turners Falls; Walter Kowal, Worcester; Walter Sura, Union City, Conn.; Anthony Kowalski, Worcester.

### FRESHMAN CAPS

(Continued from Page 1, Col. 2)

sidered superior to those of any school in this neighborhood. Of course, they had the added feature of class numerals on them which did give them some individuality. This feature has been done away with and the caps do not vary from year to year. It is the consensus of opinion that the Freshmen are justified in their attitude in refusing to wear the hats although they have taken no concerted action and most of them live up to the rule. The Juniors hope to settle the matter with no outbreaks on the part of the Freshman class.

Freshman caps were once sold by the Sophomores and usually for the amount of money the Freshman that fell into their clutches had on him. For many years these hats have been sold through the bookstore at a price somewhat lower than they used to sell for. The cap is much better than any to be found in the schools in New England and should be retained.

Dine and Dance  
at the  
**Hotel Bancroft**  
Tel. 2-2821

## STEPPING INTO A MODERN WORLD



## It looms up large in their lives

The telephone has a big place in the daily lives of most people today, but its place will be even bigger tomorrow.

Its importance has been fostered by the work of men in all phases of the telephone business and no little part has been taken by those engaged in selling. They have helped to effect an increase of more than three and a half mil-

lion Bell telephones in the last five years. In the same period they have been instrumental in making the public realize more completely the telephone's usefulness. Result: an increase from 49,000,000 calls per day to 65,000,000.

For men with a leaning toward sales promotion, the opportunity is there!

## BELL SYSTEM



A NATION-WIDE SYSTEM OF INTER-CONNECTING TELEPHONES



## SPORTS

## MANY OUT FOR WINTER SPORTS

## SPORTS

BASKETBALL MEN  
PRACTICE HARD

Outlook for Season Encouraging as Veterans Report

**FIVE LETTERMEN ARE INCLUDED AMONG LIST OF CANDIDATES—SEVERAL FRESHMEN LOOK PROMISING**

Basketball practice began last Monday with most of the remaining players of last year's first and second teams reporting at practice. Besides Pete Bigler's old standbys, there are quite a number of Freshmen who show much promise. At this time in the season and with possible ineligibilities, just what kind of a quintet Tech will have is unknown. However, this year's team will not lack the right spirit from the players with most of last year's men out to practice. Of last year's first string, Asp, Purrington, Cullen, Gartrell and Johnny Smith are reporting. Besides these, there are Driscoll, Merrell, Decker, Lyman, Hammer, Leach and Norton who played good basketball last year.

The original  
Tech Barber Shop  
Come to

**The Fancy Barber Shop**  
89 Main St. Directly over Station A  
GOOD CUTTING  
NO LONG WAITS  
SIX BARBERS

Bring your week-end Guest to  
**Putnam & Thurston's**  
Worcester's best  
Restaurant  
27—MECHANIC STREET—27



THE PEN THAT WON'T  
RUN DRY  
DURING LECTURES  
**CHILTON PEN**  
CARRIES DOUBLE  
THE INK

FROSH BEATEN  
BY 12-6 SCORE

Sophomores' Two Touchdowns  
Obtained by Passes

In an exhibition of the weirdest of weird football, the Sophs pounded out a 12 to 6 victory over their rivals, the Freshmen. Thoroughly outplayed in the first half, the Freshmen came back to the fray in the second two periods with an attack that threw terror into the Sophs' hearts and nearly won the game. With the aid of all kinds of penalties against the Sophs, they marched down the field time and again, only to be held when another score seemed imminent.

Aided by a 27-yard romp around the end by Johnnie Kane, Joe Fogg and Johnnie Tinker smashed through the Frosh line for long gains in the second period and carried the ball to the Freshman nine-yard line, from which Drake passed to Fogg for the first touchdown. A pass to Andrews just before this one had been called back because of Soph offside. Rushed by innumerable tacklers, Drake faded back to the Frosh 40-yard marker and then heaved the pass to Fogg who caught it at a dead run and scampered across the goal line. Fogg failed to kick the point.

Shortly after the kick-off, Drake again heaved a long bullet-like pass to Andrews who stood on the Freshman 5-yard marker, where he was immediately smeared. Fogg knifed the line for four yards and Tinker squirmed across for the second touchdown. Drake's kick for the point failed to go over the bar.

In the second half the Freshmen caught on to the Soph passes and effectively put a stop to their aerial attack. The Sophs were unable to gain any appreciable yardage, and their line became so excited that about 200 yards in penalties were called against them. Aided by these breaks the Freshmen were able to keep the ball out of their own territory for most of the half.

Late in the last quarter when the Sophs were minus the services of their star passer, Drake, they again tried an aerial attack only to have Steenstra, the alert Freshman halfback intercept one of the stray heaves in mid-field and under a shield of beautiful interference he dashed across the intervening space for the only Frosh score. Taylor's fine kicking, which had pulled the Frosh out of bad holes, time and again, failed to convert the point when he was smeared by three Soph linemen who dashed through before he could get away his drop-kick. Thirty seconds later the Sophs trotted off the field, victors of this annual battle.

SOPHOMORES	FRESHMEN
Andrews re	le McKenzie
Peterson rt	lt Hodgekinson
A. Bell rg	lg H. Bell
Hyde c	c Seal
T. Perry lg	rg Cheatham
Furman lt	rt (Capt.) Cruickshank
Hunter le	re Hibbard
Ekberg qb	qb Taylor
Kane (Capt.) rhb	lhb Steenstra
Tinker lhb	rhb Bellamy
Fogg fb	fb McElroy

Scoring: touchdowns, Sophomores, Fogg, Tinker; Freshmen, Taylor. Substitutions: Sophomores, Drake for Kane, Ostlund for Ekberg, Kane for Drake, Larson for Furman, Haskins for Hyde, Molloy for Hunter, Ekberg for Kane, Belcher for Bell, Drake for Tinker, McGee for Andrews, Andrews for McGee, D. Drake for Larson, Bass for Tier, Hyde for Haskins, Furman for Drake; Freshmen, Sjosted for Bellamy, Hammerstrom for Cheatham,

WORCESTER TEAM  
IS VICTORIOUS

City Team Defeats W. P. I. Rifle  
Team

The Tech rifle team lost its first match of the season to the Worcester Pistol and Rifle Club, 871 to 803. The highest individual score was made by A. Beckwith of the opponents, when he shot a 184 score to beat out his teammate, S. Johnson, by six points. The highest score for Tech was made by Capt. Al. Demont, who shot 168, three points ahead of Manager D. K. Bragg. Two other Tech men, Chin and Slosson, were close behind with scores of 161 and 160 points each.

This was a two position match, standing and prone. The Worcester Pistol and Rifle Club always put out a strong team and this year the team averages were slightly higher than those of last year, when Tech was defeated by the score of 869 to 792. Al Demont was the high scorer last year also.

The teams are to have another match, this time in the Tech rifle gallery in two other positions. The match total includes four positions, standing, kneeling, prone, and sitting. The prone and standing positions were the ones shot yesterday and the other two will be shot in the near future. However, the Tech team is best at the two positions shot yesterday and there is little possibility that the team will be able to pull the match out of the fire.

The Rifle Club has a strong team this year and should have a successful season. The team average is several points higher than last year, and since some of the matches were lost by small scores, they should be in the win column this year. The rifle season will keep the team busy for the rest of the winter, one match following close upon the heels of another.

FOOTBALL TEAM  
HAS FAIR SEASON

Three Wins, Three Losses, One  
Tie is Season's Record

Another football season has become history. With prospects at its beginning looking anything but rosy, it turned out to be one of the best in Tech annals. After a disastrous year that brought only one win and six defeats, Pete Bigler faced a year of games that were even tougher than before and his team of Spartans did a little better than break even. Three games were lost and one was tied, but three new scalps will hang in the trophy room, two of them from foreign fields.

When the team traveled to Providence for the first game of the season, not even the most optimistic football fan hoped for a win. It was the open season on lambs and with a lot of other small colleges, Tech was one of the slaughtered. With the team still working raggedly, the Tech offense was effectively stopped by the heavier Brown line and the Bruin stars had little trouble galloping over a fighting little team that was slowly worn down by innu-

merable substitutes into the Bear ranks. But the moral effect of losing their first game only made the team fight harder when they met Trinity on the following Saturday. With the spectre of last year's defeat hanging over them, they went out on the field with something akin to Spartan fortitude and savagely tore out a victory. There were no brilliant dashes, the eleven men went at their work like a group of engineers solving a mathematical formula, and they solved it.

Again they were faced by certain defeat when Amherst traveled to Worcester on the following Saturday. Once again there was the spectacle of a machine like attack that swept the Amherst team off its feet and seemed to be headed for a touchdown all through the first half. But miracles do not happen and they were stopped just short of their goal, but not until they had pushed across one touchdown. Amherst won the game, but it was not the rout the large score shows.

SOPH-FROSH IN  
TIE SOCCER GAME

Two Overtime Periods Fail to  
Break Deadlock

A pretty kick by Lyman in the last few minutes of the regular time of play, knotted up the score in the Freshman-Sophomore soccer game that could not be broken in two overtime periods and the game ended in a 2 to 2 tie. What appeared to be a Frosh win was suddenly changed to a tie just before the end of the fourth quarter when Lyman bounded one into the net.

The Sophomores drew first blood in the second period when Kean scored a point. But they did not hold their advantage very long because the '34 machine got going in the third period when Kelly and Woodhead each landed one in the cage and pushed their team into the lead. With the last period of the game fast drawing to a close, the Sophs pushed the ball into Freshman territory and gave Lyman his chance to pull the game out of the fire.

For two overtime periods the teams played desperately in an attempt to break the tie but were unsuccessful. The game ended with the issue still unsettled. Allen and Woodhead were the individual stars of the game, each doing his share in carrying the ball into enemy territory.

FRESHMEN	SOPHOMORES
Rode of	orf Tripoli
Colton if	irf Lyman
G. Kelly of	cf Hammer
Woodhead if	ilf Kean
Greenwood of	olf Newell
Davenport lhb	rhb Giffin
Chumski chb	chb Allen
Gately rhb	lhb Ashley
Sliva ifb	rfb Bicknell
Whittum rfb	lfb Merrill
Sargent g	g Manvel

Scoring: Freshmen, Kelly, Woodhead; Sophomores, Kean, Lyman.

merable substitutes into the Bear ranks.

Still touring the country, the team traveled to Vermont to play Norwich. (Continued on Page 4, Col. 1)

TWO NEW TEAMS  
ON GRID CARD

Coast Guard and Arnold Games  
are Added

**BROWN AND NORWICH DROPPED — M. A. C. AND R. I. STATE WILL PLAY ON TECH FIELD**

The recently announced football schedule for 1931 shows seven games, four of which will be played on Alumni Field. Two colleges which did not appear on this year's card, the Coast Guard and Arnold College, take the places of Brown and Norwich. Apart from these two changes the Biglermen will stack up against the same teams they met this season.

Prospects for next year are bright due to the fact that only four men are to be lost on account of graduation. There is a wealth of backfield material with about ten men who are able to fill berths behind the line. These men are Johnny Kane, Bill Asp, Mike Sodano, Bill Drake, Stan Swipp, Don Putnam, Don Smith, John Tinker and Joe Fogg.

The only weak positions in the line are to be found in the guard berths which lost both regulars. Guards that are available are Milt Schultz and Dave Rice. For the center position Coach Bigler has Maggiacomo, Cruickshank and Osipowich, while tackles will be Spence, Werme and Larson. On the flanks Jimmy Leach, Johnny Molloy, LaPenta and Lockwood will be on hand.

The schedule is as follows:  
Oct. 3—Coast Guard, here.  
10—Trinity at Hartford.  
17—Amherst at Amherst.  
24—Mass. Aggies, here.  
31—Arnold, here.  
Nov. 7—Rhode Island State, here.  
14—Rensselaer at Troy, N. Y.

INTERFRAT RE-  
LAY BEGINS SOON

First Races to be Held on Dec.  
Third

Commencing December 3, the Interfraternity relay schedule will be run off on each successive Monday, Wednesday and Friday. Each night all the fraternities will run one race each. All candidates must have reported for at least six training periods. The training period will last until December 3. All the races will be run off at 4.30 p. m. and will be run in the order listed on the schedule.

The schedule is as follows:  
Dec. 3—P. S. K.-T. U. O.  
T. X.-A. T. O.  
S. A. E.-L. X. A.  
P. G. D.-S. O. P.  
Dec. 5—P. S. K.-A. T. O.  
T. X.-T. U. O.  
S. A. E.-S. O. P.  
P. G. D.-L. X. A.  
Dec. 8—P. S. K.-S. A. E.  
T. U. O.-S. O. P.  
P. G. D.-T. X.  
L. X. A.-A. T. O.  
Dec. 10—T. X.-S. A. E.  
P. G. D.-P. S. K.  
L. X. A.-T. U. O.  
S. O. P.-A. T. O.  
Dec. 12—A. T. O.-S. A. E.  
T. U. O.-P. G. D.  
L. X. A.-T. X.  
S. O. P.-P. S. K.  
Dec. 15—P. G. D.-A. T. O.  
S. A. E.-T. U. O.  
S. O. P.-T. X.  
P. S. K.-L. X. A.  
Dec. 17—S. O. P.-L. X. A.  
P. G. D.-S. A. E.  
A. T. O.-T. U. O.  
T. X.-P. S. K.



## RADIO CLUB HAS FIRST MEETING

Officers are Elected for the Ensuing Year

The first meeting of the Radio Club was opened last Wednesday in the E. E. building by Vice President Kenyon. As is customary at the first meeting, new officers for the year were elected as follows: president, R. J. Libbey; vice president, F. R. Kenyon; secretary, E. P. Schirmer; chief operator, E. P. Holter. After the election, President Libbey took charge of the meeting and plans for the new transmitter were discussed. A committee consisting of Holter (chairman), Kenyon and Schirmer was appointed to finish building the transmitter. Plans for the code class were then discussed and Holter was appointed to take charge. All those interested are urged to join the class at once. The suggestion was made that a committee be appointed to plan more interesting meetings and thus stimulate further interest in the club. After some discussion the following program committee was appointed: Schirmer (chairman), Harpell and Chin.

### FOOTBALL SUMMARY

(Continued from Page 3, Col. 3)

With thirteen points to their credit after a vicious first half attack they saw their margin of victory dwindle away before a barrage of passes in the second half and only the failure of the Cadets to make good two points after touchdown gave Tech another scalp. Marks had already taken their annual toll and the victory was scarcely expected. With that bugaboo hanging over it, it is a wonder the team bore up at all.

Continuing their travels, they next went to Kingston to meet Rhode Island state and were buried by a top-heavy score. Goff was again on a rampage and with the whole team clicking before him, he ran up a score that does not show the fight put up by Tech.

The last game of the season was something of a disappointment. Obviously the better team, the inclement weather combined with a stubborn Rensselaer line and cheated the team of the victory it deserved. If moral victories are any consolation, then Tech football fans can feel better. Taken all in all, it was a comparatively successful season.

### KNIGHTS OF ROAD

(Continued from Page 1, Col. 4)

The members are not thoroughly satisfied with the pin as it doesn't symbolize the club as it should, new designs will be on hand and all suggestions to this effect will be gladly accepted.

The first of the pre-basketball mass meetings planned by this organization will be held Friday afternoon at 4.15 o'clock, December 19, in the gym. This procedure will be followed through the season to arouse interest and enthusiasm in sports especially at the home games and will also attract all those who can make it to outside games.

Full details of the proposed membership drive will be given out soon so that those who have qualified will be able to join. Men are eligible upon having "bummed" two hundred and fifty miles to out-of-town varsity games to uphold Tech Spirit in all contests. Five hundred miles by any other means of transportation also makes one eligible.

As in the past the Knights will fill in between the halves of all home games with a skit of one kind or another with the help of the band.

### MAYAN MYTHS

(Continued from Page 1, Col. 3)

is very familiar, namely, "Mayan Myths and Civilization." A large gathering

## TECH PROFESSORS ATTEND MEETING

Meeting is Held at Dartmouth College This Year

Professors G. H. MacCullough and K. G. Merriam attended the fall meeting of the American Society for the Promotion of Engineering Education at Dartmouth College. The topic under discussion was "Graduate Study in New England Engineering Colleges."

This week will wind up the work for the season at Chaffins. The weather man has given the senior civils, electricians, and mechanics a pretty good break this fall and their study of hydraulics has been a success.

After the Thanksgiving recess this body of seniors will take up their work in laboratory in the Mechanical Engineering Building where they will experiment with steam, gases, and the strength of building materials.

was present to hear the lecture, made up, for the most part, of residents of Worcester.

### Mayans Most Civilized

When Mr. Thompson was a student at the Institute he wrote an article for "Popular Science Monthly" expressing the belief that Yucatan was the site of the lost Atlantis mentioned so often in ancient history and sought after through the centuries, and referred to by those great writers of history, Plato, Bacon, and many others. Through the influence of this article and the great interest he showed in the country, Mr. Thompson was appointed Consul to Yucatan a few years later for the most part to give him an opportunity to continue the study of the country.

On one of his later voyages, Columbus visited Honduras and was the first white man to see and be impressed by the Mayan civilization. The Mayans were the most civilized of the American races and their culture was not inferior to that of Egypt and Assyria. In 1542 the nation was conquered by a lieutenant of Hernando Cortez, the conqueror of Mexico. In spite of the influence of the Spanish conquerors the Mayan language persisted and exists to this day. A good deal of modern art can be traced back to influence exerted by the art of ancient Maya.

### Modern Architecture

The present day style of set-back skyscraper architecture can be seen in the ancient terraced temples of the Mayans. Mr. Thompson spoke of the "Magic Well" into which the Mayans cast sacrifices to the gods. Divers have descended to the bottom of this well and have found there the skeletons of many young women between the ages of eighteen and twenty-two. Mr. Thompson headed the expedition that explored this well. Many fine specimens of Mayan jewelry and works of art were recovered from this well where they had been cast as sacrifices. All these relics rest in the Peabody Museum.

While flying over this same country, Col. Charles A. Lindbergh took pictures of undiscovered temples seen from the air and his discovery led to further exploration of the jungle and new specimens of Mayan work. It is Mr. Thompson's belief that the Mayans originated somewhere in central Europe and migrated across Siberia and through Alaska down the western side of this continent to Yucatan.

### Much Wild Life

Mr. Thompson spoke of the dangers of exploring. At one time he woke to hear a hissing sound and when he jumped out of bed he landed on a large python. He was getting the worst of the fight with the snake when his servants rushed up and killed it. Another time a large jaguar dislodged a few pebbles as he prepared to spring on Mr. Thompson from a higher terrace of an old

## MASQUE HOLDS FIRST DANCE

First Dance by Masque Association Well Attended

The large crowd that attended the first dance under the auspices of the Masque, insures the success of that society's first venture along these lines. The Masque presents a play annually during Junior Prom Week and although a dance seems entirely out of their line, they certainly put this one across. A limited number of tickets were sold due to the small size of Sanford Riley Hall, where the dance was held.

Ed Murphy's Bohemians furnished music for the dancing.

The chaperones were Rear Admiral Ralph Earle and Mrs. Earle, Mr. and Mrs. William Phinney and Prof. and Mrs. Joseph Phelon. Dancing was from eight to twelve.

temple and this warning was sufficient to give Mr. Thompson a chance to shoot and kill it. Mr. Thompson exhibited the skins of both the jaguar and the python.

The Mayans have a legend that corresponds to our Bible story of Eve and the serpent. This and several other legends bear just enough resemblance to European legends to further the belief that the Mayans were once a European race. Mr. Thompson illustrated his lecture with many beautifully colored lantern slides and specimens of Mayan art and the animal life of the country.

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## PACKARD ELECTED 1934 LEADER

Most Positions Were Closely Contested

The Freshman class held its elections last Friday morning at the close of the English lecture. There was a tie for the office of treasurer between Selew and Richmond, who had eighty-three votes each. For president the class choose Don Packard. Other officers elected were vice president, W. Steenstra; secretary, H. Osborne; auditor, W. Greenwood; historian, J. Woodhead; member-at-large, C. Rocheford.

## S. O. P. WILL HOLD ITS ANNUAL PLEDGE DANCE

Sigma Omega Psi fraternity will hold its annual pledge dance this Wednesday evening, November 26, in Sanford Riley Hall.

Guests will be present from the other S. O. P. chapters in New England, including Harvard, Boston University, M. I. T., Tufts, Northeastern and Lowell Textile.

The pledges in whose honor the dance is being run are: Harold I. Feingold, Manny Holoff, Robert S. Grand, Harold Narcus, Theodore Post, Louis Press, Elijah B. Romanoff and Jacob Smith.

Patrons and patronesses will be Mr. and Mrs. Saul Hurwitz, Mr. and Mrs. Mac Hurwitz and Mr. and Mrs. David Sandman.

## CAMERA CLUB CONDUCTS TALK

Mr. Opitz of Norton Company Addresses Club

The second of a series of talks on photography was given before the Camera Club last Friday night by Mr. E. E. Opitz of the Norton Company. Mr. Opitz, a member of the Norton Camera Club and the Worcester Photo Club, was introduced by Professor Charles J. Adams, also a member of the Photo Club, who addressed a group of members who made up in enthusiasm what it lacked in size, on the "Developing of Plates and Negatives."

Mr. Opitz, who is an expert amateur photographer, and specializes in flower and nature study, brought an unusual collection of beautifully colored prints of architectural, nature, and flower subjects. Mr. Opitz took exposures of objects in the room and demonstrated the correct procedure of developing the negative. He described enthusiastically the right and wrong ways of developing and explained how to get best results. Prof. Adams supplemented Mr. Opitz's advice with reports of his own experiences in developing. Mr. Opitz's audience listened eagerly and attentively and was greatly impressed by the demonstration.

Prof. Adams who is responsible for the series of talks being brought before the Camera Club has arranged to have Professor C. E. Melville, registrar at Clark University, explain the use of the photographic enlarging machine at the next meeting of the club, December 5.

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